AUTODOC CLUB

How to change track rod end on **Suzuki Swift MK3** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
SUZUKI SPLASH 1.2 VVT (A5B 412), SUZUKI SPLASH 1.0 (A5B 310), SUZUKI Wagon R+ Hatchback (MM) 1.3 (RB 413), SUZUKI Wagon R+ Hatchback (MM) 1.3 4WD (RB 413), SUZUKI Wagon R+ Hatchback (MM) 1.3 DDiS (RB 413D), SUZUKI IGNIS II 1.5 Sport (RM415), SUZUKI SWIFT III (MZ, EZ) 1.3 (RS 413), SUZUKI SWIFT III (MZ, EZ) 1.3 DDiS (RS 413D), SUZUKI SWIFT III (MZ, EZ) 1.3 4x4 (RS 413), SUZUKI Wagon R Hatchback 1.0, SUZUKI Wagon R Hatchback 1.2, SUZUKI SWIFT III (MZ, EZ) 1.6 (RS 416), SUZUKI SWIFT III (MZ, EZ) 1.5 4x4 (RS 415), SUZUKI SPLASH 1.2 (A5B 412), SUZUKI SPLASH 1.3 CDTI (A5B 413D), (+ 2)

The steps may slightly vary depending on the car design.

REPLACEMENT: TRACK ROD END – SUZUKI SWIFT MK3. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #19
- Drive socket # 17
- Drive socket # 18
- Wheel impact socket #21
- Ratchet wrench
- Torque wrench
- Vernier caliper
- Ball joint puller
- Wheel chock

BUY TOOLS

Replacement: track rod end – Suzuki Swift MK3. Tip from AUTODOC:

- Replace tie rod ends in pairs.
- The replacement procedure is identical for the right and left tie rod ends.
- All work should be done with the engine stopped.

REPLACEMENT: TRACK ROD END – SUZUKI SWIFT MK3. USE THE FOLLOWING PROCEDURE:

1 Secure the wheels with chocks.



2 Loosen the wheel mounting bolts. Use wheel impact socket #21.



3 Raise the front of the car and secure on supports.

4 Unscrew the wheel bolts.



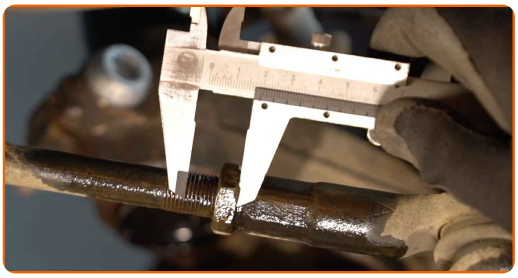
AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Suzuki Swift MK3

5 Remove the wheel.

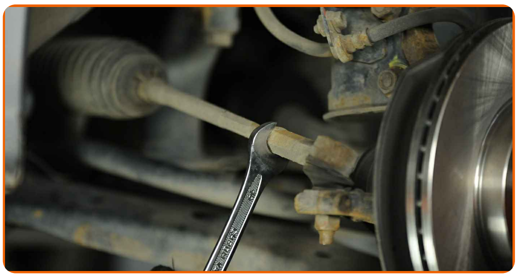


6 When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



7 Clean the lock nut that connects the tie rod to the tie rod end. Use a wire brush. Use WD-40 spray.

8 Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #19.



9 Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.

10 Unscrew the end fastening nut to the steering knuckle. Use a drive socket #17. Use a ratchet wrench.



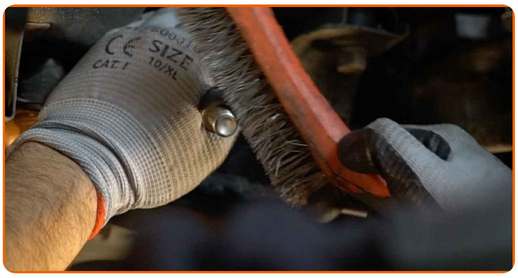
11 Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.



12 Screw the end out of the tie rod.



13 Clean the mounting seats of the tie rod end. Use a wire brush. Use WD-40 spray.



14 Screw on a new tie rod end.



Replacement: track rod end – Suzuki Swift MK3. Tip:

- While installing the steering rod end remember to make the same number of turns or to leave the same length of thread showing as per your measurements.

15 Connect the tie rod end to the steering knuckle.



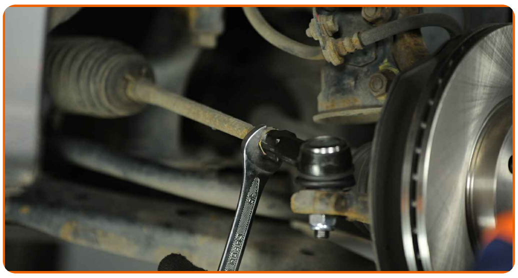
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Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #18. Use a torque wrench. Tighten it to 45 nm torque.



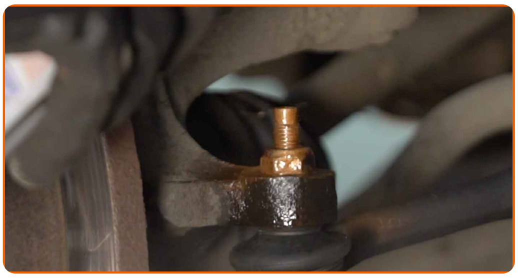
17

Tighten the tie rod end locknut. Use a combination spanner #19. Use a torque wrench. Tighten it to 65 nm torque.



18

Treat the fastener connecting the tie rod end to the steering knuckle. Use copper grease.



19

Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



20

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: track rod end – Suzuki Swift MK3. After applying the spray, wait a few minutes.

21

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Suzuki Swift MK3

22

Screw in the wheel bolts. Use wheel impact socket #21.



23 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #21. Use a torque wrench. Tighten it to 85 nm torque.



Replacement: track rod end – Suzuki Swift MK3. Tip:

- Check and adjust wheel alignment if necessary.

24 Remove the jacks and chocks.

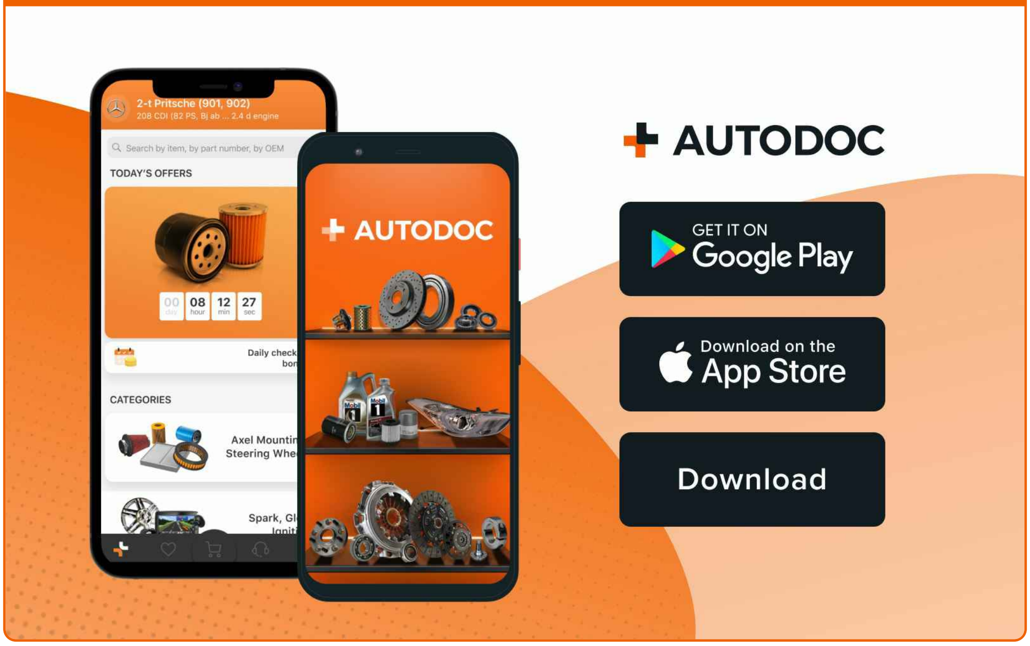


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